Recipert/PTC 1 9 JAN 2005

# PATENT COOPERATION TREATY PCT

#### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference OPP020944KR	FOR FURTHER ACTION		Transmittal of International Search Report )) as well as, where applicable, item 5 below.
International application No.	International filing date	(day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/KR02/01767	18 SEPTEMBER 200	2 (18.09.2002)	19 JULY 2002 (19.07.2002)
Applicant			
SAMSUNG ELECTRONICS CO., LT.	D. et al		
This International search report has been prep to Article 18. A copy is being transmitted to t		Searching Authority	and is transmitted to the applicant according
This international search report consists of a t	<del></del>		
Basis of the report     a. With regard to the language, the int language in which it was filed, unless	ss otherwise indicated und	ler this item.	
the international search was can Authority (Rule 23.1(b)).	ried out on the basis of a t	ranslation of the interi	national application furnished to this
		disclosed in the intern	ational application, the international search
contained in the international a	pplication in written form		
filed together with the internati	ional application in compu	iter readable form.	
furnished subsequently to this	•		·
furnished subsequently to this	•	•	
international application as file	d has been furnished.		t go beyond the disclosure in the
the statement that the informati furnished.	on recorded in computer	readable form is identi	ical to the written sequence listing has been
2. Certain claims were found un	searchable (See Box I).		
3. Unity of invention is lacking (	(See Box II).		
4. With regard to the title,			
the text is approved as submitte	d by the applicant.		
the text has been established by	this Authority to read as	s follows:	
5. With regard to the abstract,			
the text is approved as submitte	* ••		
1 <u></u>	-		appears in Box III. The applicant may,
within one month from the date	of mailing of this interna	tional search report, st	abmit comments to this Authority.
6. The figure of the drawing to be publ	ished with the abstract is l	Figure No. 3	
X as suggested by the applicant.			None of the figures.
because the applicant failed to s			
because this figure better charac	erizes the invention.		·





International application No. PCT/KR02/01767

### A. CLASSIFICATION OF SUBJECT MATTER

IPC7 G02F 1/133

According to International Patent Classification (IPC) or to both national classification and IPC

#### 3. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 G02F, G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) NPS: "backlight", "dimming"

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Cotocomit	Citation Edition 10 to 11 of the citation and citat		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
Α	US 5844540 A (Sharp) 1 December 1998	1	
	*the whole document*		
Α	US 5838294 A (Honeywell Inc.) 17 November 1998	1, 2	
	*the whole document*		
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	Further	documents	are	listed	in	the	continuation	of Box (	C.

X See patent family annex.

- Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevence
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed
- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevence; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevence; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

31 OCTOBER 2002 (31.10.2002)

Date of mailing of the international search report

31 OCTOBER 2002 (31.10.2002)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

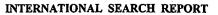
Authorized officer

KOH, Jong Wook

Telephone No. 82-42-481-5989







Information on patent family members

International application No.
PCT/KR02/01767

Patent document ited in search report	Publication date	Patent family member(s)	Publication date
US 5844540 A	01-12-1998	None	
US 5838294 A	17-11-1998	None	
	US 5844540 A	US 5844540 A 01-12-1998	US 5844540 A 01-12-1998 None

Form PCT/ISA/210 (patent family annex) (July 1998)